A. A. D. T.	ANNUAL AVERAGE DAILY TRAFFIC	CR.	CRUSHED OR CREEK
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY	CRS.	COURSE
	AND TRANSPORTATION OFFICIALS	CS	CURVE TO SPIRAL
AB.	ABRUPT	C. S. F.	COMBINATION SCALE FACTOR
A. C.	ALUMINUM CAP OR ASPHALT CEMENT	CSP	CORRUGATED STEEL PIPE
ADD. EXC.	ADDITIONAL EXCAVATION	CSPA	CORRUGATED STEEL PIPE ARCH
ADJ.	ADJUSTED	CT.	COURT
A. D. T.	AVERAGE DAILY TRAFFIC	C. T. B.	CEMENT TREATED BASE
AGG.	AGGREGATE	CTR.	CENTER
AH.	AHEAD	CTS	CRUSHED TOP SURFACING
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	CULV.	CULVERT
APP.	APPROACH	00211	OCT TENT
APPL.	APPLICATION	D	DISTRIBUTION OF TRAFFIC
APPROX.	APPROXIMATE	DBL.	DOUBLE
ASPH.	ASPHALT	D. D.	DOWN DRAIN
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS	DE.	DIFFERENCE IN ELEVATION
AVE.		DEFL.	
	AVENUE		DEFLECTION
AVG.	AVERAGE	DESC.	DESCRIPTION
AZ.	AZIMUTH	DEST.	DESTROYED
		DET.	DETOUR OR DETAIL
BAL.	BALANCE	DETC.	DETECTOR
BBL.	BARREL	D. H.	DRILL HOLE
B. C.	BRASS CAP	D. H. V.	DESIGN HOURLY VOLUME
B. C. R.	BEGIN CURB RETURN	D. I.	DROP INLET
B. E.	BRIDGE END	DIA.	DIAMETER
BEG.	BEGIN	DIST.	DISTANCE OR DISTRICT
BIT.	BITUMINOUS OR BITUMEN	DN.	DOWN
BK.	BACK OR BANK	DP.	DEEP
BLDG.	BUILDING	DR.	DRAIN OR DRIVE
BLK.	BLOCK	DT.	DITCH
B. L. M.	U.S. BUREAU OF LAND MANAGEMENT	DTL.	DETAILED
BLVD.	BOULEVARD	DWG.	DRAWING
B. M.	BENCH MARK	DY.	DAYL IGHT
BNDRY.	BOUNDARY		
BOT.	BOTTOM	Ε	EAST OR EXTERNAL DISTANCE
BR.	BRIDGE	EB	EASTBOUND
B. R.	BASE OF RAIL	E. C. R.	END CURB RETURN
BRG.	BEARING	EDM	ELECTRONIC DISTANCE MEASUREMENT
B. S.	BACKSIGHT	E. G.	EDGE OF GUTTER
B. S. T.	BITUMINOUS SURFACE TREATMENT	ELEV. OR EL.	ELEVATION
B. W. FE.	BARBED WIRE FENCE	ELONG.	ELONGATED
_		ELY.	EASTERLY
С	CUT	EMB.	EMBANKMENT
C/A	CONTROL OF ACCESS	EMUL.	EMULSIFIED
CALC.	CALCULATED	E. O.	EDGE OF OIL
CAP	CORRUGATED ALUMINUM PIPE	E.P.	EDGE OF PAVEMENT
CATV	CABLE TV	EQ.	EQUATION
CB.	CURB	Es	EXTERNAL DISTANCE (WITH SPIRALS)
C. B.	CATCH BASIN	E.S.	EDGE OF SHOULDER
C. B. W.	CONCRETE BLOCK WALL	ESMT. OR EASE.	EASEMENT
C. C.	CLOSING CORNER	ETW	EDGE OF TRAVELED WAY
CDTN.	CONDITION	EW.	END WALL
CEM.	CEMENT	EX.	EXISTING
C&G	CURB & GUTTER	EXC.	EXCAVATION
CH.	CHANNEL OR CHAIN	EXT.	EXTENSION
сн. сн.	CHANNEL CHANGE	EXWY.	EXPRESSWAY
CHD.	CHORD		
CHIS. "x"	CHISELED CROSS	F	FILL
C. I.	CURB INLET	F. A.	FEDERAL AID
CIR.	CIRCLE	F. C.	FLOOD CONTROL
CL.	CLASS OR CLEARANCE	FD.	FOUND
CL-1.2F, 1.5F	CHAIN LINK FENCE (W/ HEIGHT)	FDN.	FOUNDATION
C/L OR €	CENTERL INE	FE.	FENCE
CMP	CORRUGATED METAL PIPE	FERT.	FERTIL IZER
C. N.	CONCRETE NAIL	FETS	FLARED END TERMINAL SECTION
CO.	COUNTY OR COMPANY	F. G.	FINISHED GRADE
C. O.	CLEAN OUT	F. G. S.	FINISHED GRADE STAKE
COMP.	COMPACTION	r. U. J.	I INIGHED UNADE STAKE
CONC.	CONCRETE  CONDUIT (SPECIEX TYPE)		
COND. (TEL.)	CONDUIT (SPECIFY TYPE)		101-05
CONN.	CONNECTION		101
CONST.	CONSTRUCTION		
COR.	CORNER		ABBREVIATIONS
CORR.	CORRECTED OR CORRUGATION		ABBITE FINT TORIO
cov.	COVER		AUGUST 1000
C. P.	CATCH POINT		AUGUST 1999

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F.H.
                  FIRE HYDRANT
                                                                 mm²
                                                                                   SQUARE MILLIMETER
FIN.
                  FINISH
                                                                 MATL.
                                                                                   MATERIAL
                  FLUSH
                                                                  MAX.
                                                                                    MAX IMUM
FL.
                  FLOW LINE
                                                                 MC
                                                                                   MEDIUM CURING
F.L.
                                                                                   MEASURED
                  FIBER OPTIC CABLE
                                                                 MEAS.
F.O.
F.P.
                  FENCE POST
                                                                  MED.
                                                                                   MEDIAN
FR. RD.
                  FRONTAGE ROAD
                                                                 MH.
                                                                                   MANHOLE
                  FORESIGHT
                                                                                   MINIMUM, MINERAL OR MINUTE
F.S.
                                                                  MIN.
                  FOOTING
                                                                  MISC.
                                                                                   MISCELLANEOUS
FTG.
FUT.
                  FUTURE
                                                                 MKR.
                                                                                   MARKER
FWY.
                  FREEWAY
                                                                  M.L.
                                                                                   MAINL INE
                                                                 MNCPL.
                                                                                   MUNICIPAL
g
                  GRAM
                                                                 м. О.
                                                                                   MID ORDINATE
                  GRADING
                                                                                   MONUMENT
GA.
                  GAGE
                                                                  MPC
                                                                                   MID-POINT OF CURVE
                  GALVANIZED
GALV.
                  GARAGE
                                                                                   NORTH
GAR.
GEOD.
                  GEODETIC
                                                                 NB
                                                                                   NORTHBOUND
                  GAS LINE
                                                                                   NORMAL CROWN
                                                                 N.C.
G.L.
                  GENERAL LAND OFFICE
                                                                                   NORTHEAST
G. L. O.
                                                                 N.E.
GPS
                  GLOBAL POSITIONING SYSTEM
                                                                 N. G.
                                                                                   NATURAL GAS
GR.
                  GRADE
                                                                 N. G. S.
                                                                                   NATIONAL GEODETIC SURVEY
                  GUARDRAIL
G.R.
                                                                 NL.
                                                                                   NAIL
                  GROUND
                                                                                   NORTHERLY
GRND.
                                                                 NLY.
                  GRADE SEPARATION
GR. SEP.
                                                                 NO. OR #
                                                                                   NUMBER
G.S.
                  GRAVEL SURFACING
                                                                 N. W.
                                                                                   NORTHWEST
                  GALVANIZED STEEL PIPE
                                                                                   NORMAL WATER ELEVATION
GSP
                                                                 N. W. EL.
                  GUTTER
GTR.
                                                                 0. OR 0/S
                                                                                   OFFSET
G. V.
                  GAS VALVE
                                                                 O. C.
                                                                                   ON CENTERS OR OVERHEAD CROSSING
                  HECTARE
                                                                                   OUTSIDE DIAMETER
ha
                                                                 O. D.
                  HEADWALL
                                                                                   OLD GROUND OR ORIGINAL GROUND
HDWL.
                                                                 O. G.
                                                                                   OVERHANG OR OVERHEAD
HG.
                  HEADGATE
                                                                 OH.
н. і.
                  HEIGHT OF INSTRUMENT
                                                                 O' PASS
                                                                                   OVERPASS
но.
                  HOUSE
                  HORIZONTAL
                                                                                   POWER CABLE OR PIPE
HOR.
                                                                 P. OR PG.
н. Р.
                  HINGE POINT
                                                                                   PAGE
                  HEIGHT
                                                                 PAVT.
                                                                                   PAVEMENT
н&Т
                  HUB & TACK
                                                                 P. B.
                                                                                   PULL BOX
                                                                                   POINT OF CURVE (BEGINNING)
                  HIGH WATER
                                                                 PC
H. W.
                                                                                   POINT OF COMPOUND CURVE OR
HWY.
                  HIGHWAY
                                                                 PCC
                                                                                      PORTLAND CEMENT CONCRETE
                                                                                   PROJECT CONTROL SYSTEM
                  INTERSTATE
                                                                 P. C. S.
                  INCIDENTAL CONSTRUCTION
                                                                                   PRELIMINARY ENGINEERING
I. C.
                                                                 P. E.
ı.D.
                  INSIDE DIAMETER
                                                                 PEN.
                                                                                   PENETRATION
                  INVERT ELEVATION
                                                                 PERF.
                                                                                   PERFORATED
I.E.
                  INCORPORATED OR INCREMENT
                                                                                   POINT OF INTERSECTION
INC.
                                                                 PΙ
                                                                                   PLACE, PLATE OR PLANT
INCL.
                  INCLUDED
                                                                 PL.
INSTR.
                  INSTRUMENT
                                                                                   PROPERTY LINE
INT.
                  INTERSECTION
                                                                 PLAS.
                                                                                   PLASTIC
                  INTERCHANGE
                                                                                   PRINCIPAL MERIDIAN OR PUNCH MARK
INTCH.
                                                                 P. M.
                  INVERT
                                                                 P. M. B.
                                                                                   PLANT MIX BASE
INV.
I. P.
                  IRON PIN
                                                                 P. M. P.
                                                                                   PERFORATED METAL PIPE
IRR.
                  IRRIGATION
                                                                                   PLANT MIX SURFACING
                                                                  PMS
                  INTERSECTING ROADWAY TERMINAL SECTION
I. R. T. S.
                                                                 PMT.
                                                                                   PERMIT
                                                                 POC
                                                                                   POINT ON CURVE
                  JUNCTION
JCT.
                                                                 POL
                                                                                   POINT ON LINE
J.P.
                  JOINT USE POLE
                                                                 POS
                                                                                   POINT ON SPIRAL
                                                                                   POINT ON SEMI-TANGENT
                                                                 POST
                  KILOGRAM
                                                                 POT
                                                                                   POINT ON TANGENT
kg
km
                  KILOMETER
                                                                 POVC
                                                                                   POINT ON VERTICAL CURVE
                                                                                   POWER POLE
L
                  LENGTH OF CURVE, LITER OR ANGLE IRON
                                                                 PP.
                                                                                   PAGES
                 LENGTH OF CIRCULAR CURVE
                                                                                   PRESTRESSED
                                                                 PREST.
Lc
L.C.
                  LONG CHORD
                                                                 PRIM.
                                                                                   PRIMARY
L.D.
                  LOOP DETECTOR
                                                                 PROC.
                                                                                   PROCESSING
                 LENGTH OR LENGTHEN
                                                                 PROJ.
                                                                                   PROJECT OR PROJECTED
LENG.
LN.
                  LANE
Ls
                  LENGTH OF SPIRAL
                  LAND SURVEYOR
L.S.
                                                                                                                      101-06
                  LEFT
LT.
                                                                                                      101
                  METER
                                                                                                        ABBREVIATIONS
m²
                  SQUARE METER
                  CUBIC METER
                                                                                                        AUGUST 1999
                  MILLIMETER
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PROT.
                   PROTECT, PROTECTOR OR PROTECTION
                                                                    S. W.
                                                                                       SOUTHWEST OR SIDEWALK
                   POINT OF TANGENT (END OF CURVE)
                                                                                       METRIC TON
                                                                                       TOWNSHIP, TANGENT LENGTH
                   PRESENT TRAVELED WAY
PTW
PVC
                   POLYVINYL CHLORIDE
                                                                                          OR PERCENT TRUCKS
                   POWER (LINES)
                                                                                       TOP BACK OF CURB
PWR.
                                                                    T. B. C.
                                                                                       TEMPORARY BENCH MARK
                                                                    T. B. M.
                   PEAK DISCHARGE (WATER)
                                                                                       TIMBER
QTY.
                                                                    TEL.
                                                                                       TELEPHONE
                                                                                       TELEPHONE CABLE
                                                                    TFI.C.
                  RANGE. RADIUS OR RISE
                                                                                       TELEGRAPH
                                                                    TELG.
RACET
                   ROAD APPROACH CULVERT END TREATMENT
                                                                                       TELEPHONE POLE
                   RADIUS POINT
                                                                                       TEMPERATURE OR TEMPORARY
RAD. PT.
                   SPIRAL CURVE RADIUS
                                                                                       THICKNESS
                                                                    THK.
                  RAPID CURING
                                                                                       TACK
RC
                                                                    TK.
                   REINFORCED CONCRETE BOX
                                                                    TOPOG.
                                                                                       TOPOGRAPHIC
                   REINFORCED CONCRETE PIPE
                                                                                       TURNING POINT
                                                                    T.P.
                   REINFORCED CONCRETE PIPE ARCH
                                                                                       TRACT
RCPA
RD.
                   ROAD
                                                                    TRANS.
                                                                                       TRANSMISSION LINE OR TRANSITION
                  RADIAL
                                                                    TRAV.
                                                                                       TRAVERSE
                   ROADWAY
                                                                                       TRIANGUL ATION
RDWY.
                                                                    TRIA.
                                                                                       LENGTH OF TANGENT (CURVE WITH SPIRALS)
REC.
                   RECORD
                                                                    Τs
                   REFERENCE
                                                                                       TANGENT TO SPIRAL
REF.
                                                                    TS
REINF.
                   REINFORCEMENT
                                                                    TT
                                                                                       TRANSMISSION TOWER
                   RETAINING WALL
                                                                                       TYPICAL
RET. W.
                                                                    TYP.
RIV.
                   RIVER
                   REFERENCE MONUMENT
R.M.
                                                                                       UNIT
                   REFERENCE POINT OR REFERENCE POST
                                                                    U.G.
                                                                                       UNDERGROUND
                                                                                       UNCL ASSIFIED
R.R.
                                                                    UNCL.
                   RIGHT OR ROUTE
                                                                    U' PASS
                                                                                       UNDERPASS
RT.
                                                                                      U.S. COAST & GEODETIC SURVEY
RTE.
                   ROUTE
                                                                    U.S.C. & G.S.
                   RIGHT OF WAY
                                                                    U. S. C. E.
                                                                                       U.S. CORPS OF ENGINEERS
RY.
                                                                    U. S. F. S.
                                                                                       U.S. FOREST SERVICE
                                                                                      U.S. GEOLOGICAL SURVEY
                                                                    U. S. G. S.
                  RATE OF FULL SUPERELEVATION,
                                                                    U. S. P. L. S.
                                                                                      U.S. PUBLIC LAND SURVEY
                     SPAN OR SOUTH
                   SATELLITE (FOR TRAVERSE USE)
                                                                                       DESIGN SPEED OR VELOCITY
                                                                    V. A. B. M.
SAN.
                   SANITARY SEWER
                                                                                       VERTICAL ANGLE BENCH MARK
SB
                   SOUTHBOUND
                                                                                       VERTICAL CURVE
                   SPIRAL TO CURVE OR SLOW CURING
                                                                    VC CORR.
                                                                                       VERTICAL CURVE OFFSET CORRECTION
                                                                                       VERTICAL CONTROL MONUMENT
SCH.
                   SCHEDULE
                                                                    V. C. M.
                                                                                       VITRIFIED CLAY PIPE
SDWK.
                  SIDEWALK
                                                                    V. C. P.
S.E.
                   SOUTHEAST
                                                                    VEH.
                                                                                       VEHICULAR
                   SECTION, SECOND OR SECONDARY
                                                                    VERT. OR VT.
                                                                                       VERTICAL
                                                                                       VITRIFIED
SEL.
                                                                    VIT.
S. G. OR SUBGR.
                  SUBGRADE
                                                                                       VENT PIPE
                                                                    V. P.
                   SHOULDER
                                                                    VPC
                                                                                       VERTICAL POINT OF CURVE
                                                                                       VERTICAL POINT OF INTERSECTION
                                                                    VPT
                                                                                       VERTICAL POINT OF TANGENCY
SING.
                   SINGLE
                  SIPHON
SIP.
                   SEA LEVEL DATUM
                                                                                       WEST
SLOT. DR.
                   SLOTTED DRAIN
                   SLOPE STAKE
                                                                                       WESTBOUND
SLP. STK.
                                                                                       WITNESS CORNER
                   SOUTHERLY
SLY.
                                                                    W.C.
                  STAND PIPE OR STATE PLANE
S.P.
                                                                    W.L.
                                                                                       WATER LINE
SPEC. PROV.
                   SPECIAL PROVISION
                                                                    WLY.
S. P. H. P.
                   STEEL PIPE, HIGH PRESSURE
                                                                    W/0
                                                                                       WITHOUT
SPK.
                   SPIKE
                                                                    W. P.
                                                                                       WING POINT
                                                                                       WATER SERVICE OR WARPED OR VARIABLE SLOPE
                   SQUARE
                   EMULSIFIED ASPHALT
                                                                    WT.
                  STRUCTURAL STEEL PLATE PIPE
                                                                                       WATER TABLE
SSPP
                                                                    W. T.
                  STRUCTURAL STEEL PLATE PIPE ARCH
SSPPA
                                                                                       WATER VALVE
ST
                   SPIRAL TO TANGENT
                                                                                       WING WALL OR WOVEN WIRE
                  STATION
                                                                    XING.
                                                                                       CROSSING
STA.
                  STANDARD
                                                                                       CROSS-SECTION
STD.
                                                                    XSEC.
SPEC.
                   SPECIFICATION
STK.
                   STAKED OR STAKE
                  STEEL
STL.
                  STORM DRAIN
                                                                                                                            101-07
STM.
STPD.
                  STAMPED
                   STRUCTURE OR STRAIGHT
                                                                                                            ABBREVIATIONS
                   SUBDIVISION
SUBD.
SURF.
                  SURFACE OR SURFACING
                                                                                                            AUGUST 1999
SURV.
                   SURVEY
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